125*t* is formed. The lower inclined face **125***b* is formed as an upward inclination toward the center of the hooking grooves **125** and **125'** on the basis of **FIG. 21**.

[**0231**] In this construction, when the display unit **200** is tightly attached to the base unit **100**, the locking hook **280** is hooked at the hooking grooves **125** and **125'** so that the display unit **200** may not be opened arbitrarily.

[**0232**] When the user applies a force to open the display unit **200**, as shown in **FIG. 22**, the hooking jaw **281** of the locking hook **280** is somewhat rotated within the hooking grooves **125** and **125'** and guided along the lower inclined face **125***b*. Then, the locking hook **280** is moved in a direction that it compresses the spring **284** within the hook housing **282**, and the hooking jaw **281** is released from the hooking grooves **125** and **125'**, so that the engaged state is released.

[**0233**] When the display unit **200** is closed, the hooking jaw **281** of the locking hook **280** is guided along the upper inclined face **125***t*. In order to compress the spring **284** while being guided, the hook body portion **280'** is moved inside the housing **282** and then moved to its original direction and hooked at the hooking grooves **125** and **125'** when the locking hook **280** comes into the hooking grooves **125** and **125'**. **FIG. 21** illustrates this state.

[**0234**] The construction of the hinge assembly **300** that connects the base unit **100** and the display unit **200** so that the display unit **200** is rotated at a certain angle will now be described with reference to **FIGS. 23 and 25**.

[**0235**] The hinge assembly **300** connects the base unit **100** and the display unit **200** by means of the first hinge plate **301** engaged at the upper housing **120** and the second hinge plate **306** engaged at the front frame **220**.

[**0236**] Engaging holes **302** and **302'** are formed at the first hinge plate **301**, corresponding to the engaging bosses **128'** and **128"** of the upper housing **120**. A screw is engaged at the engaging bosses **128'** and **128"** through the engaging holes **302** and **302'**. The engaging boss **128"** is mounted in the engaging hole **302'** so that the front end of the engaging boss **128"** is extended up to the height of the surface of the first hinge plate **301**.

[**0237**] A first connection plate **304** is formed to be connected to the first hinge plate **301**. The first connection plate **304** is formed bent by 90° against the first hinge plate **301**. A hinge bushing is formed at the first connection plate **304**.

[**0238**] An engaging hole **307** is formed at the second hinge plate **306**, corresponding to the hinge boss **230** of the front frame **220**. A screw is engaged at the hinge boss **230** through the engaging hole **307**. A second connection plate **308** is formed connected to the second hinge plate **306**. The second connection plate **308** is formed bent by 90° against the second hinge plate **306**. A hinge shaft plate **308'** is formed bent from the second connection plate **308**, and a hinge shaft **309** inserted into the hinge bushing **305** and relatively rotated is formed perpendicularly at the hinge shaft plate **308'**.

[**0239**] The hinge shaft **309** and the hinge bushing **305** are coupled so as to require a considerably great force for the rotation of the opposite party, for which the display unit **200** is set at an angle desired by the user.

[**0240**] The hinge shaft **309** and the hinge bushing **305** of the hinge assembly **300** are positioned inside the hinge protrusion portion **128**, and as shown in **FIG. 3**, the second connection plate **308** and the second hinge plate **306** are protruded outwardly of the hinge protrusion portion **128** and engaged with the hinge boss **230** of the front frame **220**.

[**0241**] At this time, the first hinge plate **301** and the second hinge plate **305** are respectively engaged at the upper housing **120** and the front plate **220** in a state that they are previously assembled. In this respect, for the convenience of the engagement, a space **310** is installed at the upper housing **120**.

[**0242**] The spacer **310** is mounted in an assembly space **128***a* formed at the upper housing **120** and insertedly fixed at mounting protrusions **128***b* and **128***c* formed adjacent to the assembly space **128***a*.

[**0243**] The spacer **310** is formed in a shape corresponding to the assembly space **128***a* and formed at a position that the insertion holes **312** and **312'** into which the mounting protrusions **128***b* and **128***c* are inserted corresponds.

[**0244**] The support plate **314** is engaged at the first hinge plate **301** and the engaging boss **128'**. The support plate **314** includes an engaging piece **315** formed long with a plurality of engaging holes **316** formed thereon, and skirts **317** and **317'** are formed at one side of the engaging piece **315**. The engaging hole **316** formed at the engaging piece **315**, positioned corresponding to the skirt **317'**, is for engagement with the engaging boss **128***d*. The skirts **317** and **317'** are formed bent perpendicular to the engaging piece **315** and in contact with one side of the lower surface of the upper housing **120** where the support plate **314** is mounted.

[**0245**] The operation of the portable disk reproducing apparatus constructed as described above will now be explained.

[**0246**] First, the display unit **200** is used in a state of being opened at a certain angle by the hinge assembly **300** for the base unit **100**. At this time, as for the hinge assembly **300**, the hinge shaft **309** is rotatably press-fit to the hinge bushing **305** so as to support the load of the display unit **200**.

[**0247**] With reference to **FIG. 1**, in general, in a use state, the display unit **200** is separated from the base unit **100** and unfolded. When not being used, as shown in **FIG. 2**, the display unit **200** is tightly closed to the upper surface of the base unit **100**.

[**0248**] At this time, the display unit **200** is maintained in the engaged state as the locking hook **280** is hooked at the hooking grooves **125** and **125'** of the base unit **100**. Here, the hooking jaw **281** of the locking hook **280** is hooked at the inner side of the hooking grooves **125** and **125'** by the elastic force of the spring **284**.

[**0249**] In this state, when the user intends to separates the display unit **200** from the base unit **100** by lifting up the front end of the display unit **200**, the locking hook **280** is rotated in the direction of arrow 'A' of **FIG. 21** by the hooking jaw **281** hooked at the inner side of the hooking grooves **125** and **125'** and the hooking jaw **281** starts to be guided to the lower inclined face **125***b*. The fact that the locking hook **280** is rotated in the direction of arrow 'A' is because the hook body portion **280** is installed with a recess (c) with the inside of the hooking housing **282**.